

## ABSTRACT

A display device that displays image information in response to a digital display signal includes a display panel signal lines and scanning lines which intersect at right angles with each other, and a plurality of display pixels with optical elements arranged near the intersecting points of the signal lines and scanning lines. A signal driver circuit has a plurality of current generation circuits including a drive current generation circuit for generating drive current from a plurality of gradation currents based on the display signal value supplied to each of the scanning lines, a scanning driver circuit for sequentially applying a scanning signal to each of the scanning lines for setting the selection state of each line of each display pixel, and a gradation current generation circuit for generating gradation currents according to each display signal bit at least based on a constant predetermined reference current.